

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Applicant Number	Unassigned
		Filing Date	Herewith
		First Named Inventor	Soda, Haruhisa et al.
		Art Unit	Unassigned 2826
		Examiner Name	Unassigned T. L. E.
Sheet 2 of 2	Attorney Docket Number	089991	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LE	BC	Prof. F. Koyama et al., entitled "Frequency Chirping in External Modulators," <i>IEEE Journal of Lightwave Technology</i> , Vol. LT-6, No.1, pp 87-93 January 1988	
	BD	Dr. R. C. Alferness et al., entitled "High-Speed Traveling-Wave Directional Coupler Switch/Modulator for $\lambda=1.32 \mu\text{m}$," <i>IEEE Journal of Quantum Electronics</i> , Vol. QE-19, No. 9, pp 1339-1341, September 1983	
	BE	Lucas b. Soldano et al., "Optical Multi-Mode Interference Devices Based on Self-Imaging: Principles and Applications," <i>Journal of Lightwave Technology</i> , Vol. 13, No. 4, pp 615-627, April 1995	
LE	BF	Dr. R.G. Waker et al., "Low-voltage, 50 ohm GaAs/AlGaAs Traveling-wave Modulator with bandwidth exceeding 25 GHz," <i>Electronics Letters</i> , 9 Vol. 25 No.23 pp.1549-1550, November 1989	
	BG		
	BH		
	BI		
	BJ		
	BK		
	BL		
	BM		

Examiner Signature	LE, THIEN	Date Considered	1/21/2005
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60033458 v1

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete If Known

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Soda, Haruhisa et al.
Art Unit	Unassigned <u>2876</u>
Examiner Name	Unassigned <u>FILE</u>
Attorney Docket Number	089991

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<u>LE</u>	AA	4,012,113	03/15/77	Kogelnik et al.	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
	AN	US-			
	AO	US-			
	AP	US-			
	AQ	US-			
	AR	US-			
	AS	US-			
	AT	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AU							
	AV							
	AW							
	AX							
	AY							
	AZ							
	BA							
	BB							

Examiner Signature	<u>LE THIEN</u>	Date Considered	<u>1/3/2005</u>
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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